

## Eurostar Staramide RF005Z PA66, 25% Glass Fiber, Injection Molded

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

### Material Notes:

Starflam RF005Z is a 25% Glass Reinforced Polyamide 66 Injection Molding Resin (also known as Staramide RF1005E-BK82205)Information provided by Eurostar.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Eurostar-Staramide-RF005Z-PA66-25-Glass-Fiber-Injection-Molded.php](http://www.lookpolymers.com/polymer_Eurostar-Staramide-RF005Z-PA66-25-Glass-Fiber-Injection-Molded.php)

| Physical Properties         | Metric                | English                   | Comments                   |
|-----------------------------|-----------------------|---------------------------|----------------------------|
| Density                     | 1.32 g/cc             | 0.0477 lb/in <sup>3</sup> | ISO 1183                   |
| Linear Mold Shrinkage, Flow | 0.0010 - 0.0030 cm/cm | 0.0010 - 0.0030 in/in     | on Tensile Bar; E2P method |

| Mechanical Properties        | Metric                 | English                    | Comments             |
|------------------------------|------------------------|----------------------------|----------------------|
| Tensile Strength at Break    | 150 MPa                | 21800 psi                  | 5 mm/min; ISO 527    |
| Elongation at Break          | 2.8 %                  | 2.8 %                      | 5 mm/min; ISO 527    |
| Flexural Strength            | 200 MPa                | 29000 psi                  | 2 mm/min; ISO 178    |
| Flexural Modulus             | 6.60 GPa               | 957 ksi                    | 2 mm/min; ISO 178    |
| Izod Impact, Notched (ISO)   | 7.00 kJ/m <sup>2</sup> | 3.33 ft-lb/in <sup>2</sup> | 80x10x4; ISO 179/1eA |
| Izod Impact, Unnotched (ISO) | 40.0 kJ/m <sup>2</sup> | 19.0 ft-lb/in <sup>2</sup> | 80x10x4; ISO 180/1U  |

## Contact Songhan Plastic Technology Co.,Ltd.

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